



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2013_IRJPAC_7388
Title of the Manuscript:	EFFECT OF ORGANIC MATTER REMOVAL ON SORPTION STUDIES OF PHOSPHATE BY SELECTED SOILS IN NORTHERN PART OF KWARA STATE, NIGERIA
Type of the Article	Research Paper

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	In general it is an interesting paper. Authors attempted to study the effect of organic matter removal and adsorbate solution composition on phosphate sorption by selected soil in Moro Local Government of Kwara State (Malete and Elemere). I recommend to be published after carefully take into consideration the following comments: 1. Did the time period (whether etc) affect the results of sampling? 2. Authors should rescale Fig. 1 ($x=400-800$; $y=0.3-06$). 3. Fig. 2 and Table 2 are redundant. 4. Authors should cite the origin reference of Langmuir equation (I. Langmuir, The adsorption of gases on plane surfaces of glass, mica and platinum, J. Am. Chem. Soc. 40 (1918) 1361-1403). 5. Authors should cite the origin reference of Freundlich equation (I H. Freundlich, Over the adsorption in solution, Z. Phys. Chem. 57 (1906) 385-470).	The period of sampling had no significant effect on the result. All other comments has been taken into consideration and corrected where necessary.